



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 42] नई दिल्ली, शनिवार, अक्तूबर 21, 1978 (आश्विन 29, 1900)
No. 42] NEW DELHI, SATURDAY, OCTOBER 21, 1978 (ASVINA 29, 1900)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके ।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 21st October 1978

CORRIGENDUM

In the Gazette of India, Part III, Section 2 dated 29th July 1978, in page 556, column 1, under the heading "PATENTS SEALED", line 1 for 132409 read 142309 and under the heading "AMENDMENT PROCEEDINGS UNDER SECTION 57", line 8, for "disclaimed" read "disclaimer".

In the Gazette of India, Part III, Section 2 dated 12th August 1978, in page 589, column 1, under the heading "PATENTS SEALED", line 2, delete 143260 after 143260.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

14th September, 1978.

- 1006/Cal/78. Development Consultants Private Limited. An apparatus for separating powdery, granular and flakey materials.
- 1007/Cal/78. Bunker Ramo Corporation. Semiconductor mounting assembly.
- 1008/Cal/78. Snamprogetti S.p.A. Sea- or brackish water desalination apparatus. [Addition to No. 139924].
- 1009/Cal/78. Spencer Bing-Tang Lin. Polypropylene endless loop and the method therefor.

1-297GI/78

1010/Cal/78. Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Process and apparatus for the production of additive containing synthetic linear polymers.

1011/Cal/78. Schweissindustrie Oerlikon Buhle AG. Mic arc welding current source.

15th September, 1978.

1012/Cal/78. Stauffer Chemical Company. N-1, 1, 2, 2-Tetrachloro-2-fluoroethyithio benzanilide and its use as fungicide and acaricide.

1013/Cal/78. Steel Authority of India Limited. Process for production of super fluxed sinter composite.

1014/Cal/78. Hoechst Aktiengesellschaft. Process for the fine distribution of pigments of the dioxazine series.

1015/Cal/78. Susil Kumar Ganguli. Joint box for underground electric power and telephone cables.

16th September 1978.

1016/Cal/78. R. Davidson. Gear teeth. (September 16, 1977).

1017/Cal/78. Macneill & Magor Limited. A photocopying machine.

1018/Cal/78. Macneill & Magor Limited. A photocopying machine.

18th September, 1978.

1019/Cal/78. Orissa Cement Limited. Process of making composite refractory alumina bricks.

1020/Cal/78. Toyama Chemical Co. Ltd. A novel process for producing 7-[D(-)- α -(4-ethyl-2, 3-dioxo-1-piperazinecarboxamido)- α -(4-hydroxyphenyl) acetamido]-3-[5-(1-methyl-1, 2, 3, 4-tetrazolyl) thiomethyl]- Δ 3-cephem-4-carboxylic acid and a pharmaceutically acceptable salt thereof and an intermediate thereof and a process for producing the intermediate.

1021/Cal/78. Litton Systems, Inc. Manufacture of abrasion resistant apparatus.

1022/Cal/78. R. B. Clay. Blasting composition.

1023/Cal/78. Metal Box Limited. Apparatus for dispensing lids. (October 25, 1977).

1024/Cal/78. Diamond Shamrock Corporation. Catalyst and process for production of VCM.

19th September, 1978.

1025/Cal/78. Bunker Ramo Corporation. Electrical connector with improved strain relief means.

1026/Cal/78. Mrs. Maya Bose. A lighting fitting or a flameproof bulk head lighting fitting.

1027/Cal/78. General Electric Company. Polycrystalline diamond body.

1028/Cal/78. Brennstoffinstitut Freiberg. A process and an apparatus for gasification of powdery fuels under pressure.

1029/Cal/78. Metallgesellschaft A.G. Waelz process for volatilizing zinc and lead from iron oxide-containing materials.

1030/Cal/78. Caterpillar Tractor Co. Pneumatic percussion tool having a vibration dampened handle. [Divisional date March 9, 1976].

1031/Cal/78. The Indian Cable Company Limited. An insulating tape formed from a self-amalgamating blend.

1032/Cal/78. The Indian Cable Company Limited. An insulating tape formed from a self-amalgamating blend.

1033/Cal/78. Insu Lock Corporation. Building block and structures formed therefrom.

20th September, 1978.

1034/Cal/78. Metallgesellschaft A.G. Process of directly reducing iron oxide-containing materials.

1035/Cal/78. American Cyanamid Company. Melt-spun acrylonitrile polymer fiber.

1036/Cal/78. Projektierung Chemische Verfahrenstechnik GmbH. Improvements in gasification of solid fuel.

1037/Cal/78. Matsuyama Petrochemicals Inc. and Maruzen Oil Co. Ltd. Process for producing high-quality terephthalic acid suitable for use in direct polymerization.

1038/Cal/78. Licinvest AG. Picture viewer with change mechanism. (September 20, 1977).

1039/Cal/78. Licinvest AG. Picture viewer. (September 20, 1977).

1040/Cal/78. Licinvest AG. Container for photographic prints. (September 20, 1977).

1041/Cal/78. Licinvest AG. Picture viewer. (September 20, 1977).

1042/Cal/78. Licinvest AG. Picture viewer. (September 20, 1977).

1043/Cal/78. Licinvest AG. Picture viewer. (September 20, 1977).

1044/Cal/78. Licinvest AG. Device for the alternate exposure of individual sheets from a pile of sheets, especially photo viewing change device.

APPLICATION FOR PATENTS FILED AT THE (DELHI BRANCH)

30th August, 1978

640/Del/78. Council of Scientific and Industrial Research. A process for the synthesis of phenolic tetraphenylethylenes.

641/Del/78. Studiengesellschaft Kohle MBH. and Prof. Dr. K. Gersonde. Controlled improvement of the O₂-release by intact erythrocytes.

642/Del/78. H. W. O'Brien, Jr. Power train controls and connections for auxiliary vessels.

643/Del/78. Bayer Aktiengesellschaft. A process for the production of morpholino-dithiothiazoles.

644/Del/78. Werkzeugmaschinenfabrik Oerlikon-Bührle AG. Pressure controller for the driver's brake valve of an indirectly acting compressed air brake.

645/Del/78. Werkzeugmaschinenfabrik Oerlikon-Bührle AG. Indirectly-acting compressed-air brake with low pressure overload.

31st August, 1978.

646/Del/78. The Director General, Cement Research Institute of India. A steel fibre forming machine.

647/Del/78. The Director General, Cement Research Institute of India. A ready mix concrete.

648/Del/78. The Director General, Cement Research Institute of India. A wet process for the manufacture of cement.

1st September, 1978.

649/Del/78. Pfizer Inc. 3-[2-hydroxy-4-(substituted) phenyl] cycloalkanone and cycloalkanol analgesic agents and intermediates therefor.

650/Del/78. Beloit Walmsley Limited. Improvements relating to forming machines for paper webs. (September 6, 1977).

651/Del/78. C. E. Barnes. Polypyrrolidone-iodine complex.

652/Del/78. Racold Appliances Pvt. Ltd. A vacuum release valve.

APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

4th September, 1978.

147/Mas/78. C. A. Raja. Improvements in or relating to frames for pictures, photos and the like.

11th September, 1978.

148/Mas/78. P. G. Varughese. Aqua w/phon flushing cistern.

149/Mas/78. G. P. Pandit. Multi-pressure cooker.

13th September, 1978.

150/Mas/78. K. Seshadri. Process and equipment design to accurately control the shape of bore in glass tubes such as required for high accuracy precision spirit levels.

14th September, 1978.

151/Mas/78. Tirupattur Indira Bai. A floating water intake system.

152/Mas/78. D. Anantharaman. 'Nictex' light weight acoustic and insulation board.

- 153/Mas/78. The Hindustan Machine Tools Ltd. Hydraulic system for automatic speed change and spindle braking of an automatic machine tool.
- 154/Mas/78. The Hindustan Machine Tools Ltd. Safety interlock mechanism between main spindle rotation and chuck operation of a semi automatic machine tool.
- 155/Mas/78. The Hindustan Machine Tools Ltd. Hydrostatic bearing for turret spindle of a turret lathe.
- 156/Mas/78. The Hindustan Machine Tools Ltd. Hydraulic circuit for the automatic motions of the turret of a turret lathe.
- 157/Mas/78. The Hindustan Machine Tools Ltd. Device for automatic intermittent lubrication of turret lathes.
- 158/Mas/78. The Hindustan Machine Tools Ltd. Hydraulically actuated multi disc clutch for headstock drive of machine tools.
- 159/Mas/78. The Hindustan Machine Tools Ltd. Lathe bed for centre lathe.
- 160/Mas/78. The Hindustan Machine Tools Ltd. Hydraulically operated disc type brake for spindles of machine tools.
- 161/Mas/78. The Hindustan Machine Tools Ltd. Automatic lubrication system for guideways of a centre lathe.
- 162/Mas/78. The Hindustan Machine Tools Ltd. Reversible gear pump for machine tool lubrication.
- 163/Mas/78. The Hindustan Machine Tools Ltd. Lathe tailstock.
- 164/Mas/78. The Hindustan Machine Tools Ltd. A clamping device for tailstock of a lathe.
- 165/Mas/78. The Hindustan Machine Tools Ltd. Lathe bed.
- 166/Mas/78. The Hindustan Machine Tools Ltd. Hydraulic clutch and brake circuit for machine tools.
- 167/Mas/78. The Hindustan Machine Tools Ltd. Speed selection and gear shifting mechanism for a centre lathe.
- 168/Mas/78. The Hindustan Machine Tools Ltd. A lubrication system for a machine tool.

15th September, 1978.

- 169/Mas/78. K. Pitchumani. Coffee preparing machine.

16th September, 1978.

- 170/Mas/78. S. Gopalakrishna Iyer. More details and modification in new design wet grainder.

ALTERATION OF DATE

- 145475 } Post-dated to May 29, 1976.
2281/Cal/75. }
- 145479 } Ante-dated to May 29, 1976.
526/Cal/78. }

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents of any of the application concerned may at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each application, on the prescribed form 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification".

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India, Book Depot 8, Kiran Shankar Ray Road, Calcutta in due course. The price of each specification is Rs. 2/- (Postage extra if sent out of India) Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that Office.

CLASS 23E.

145467.

Int. Cl.-B31b 3/26 5/26.

CONTAINER.

Applicant : UNISYSTEMS PVT. LIMITED, OF 25, COMMUNITY CENTRE, EAST OF KAILASH, NEW DELHI-110048, INDIA.

Inventors : VISHWA KAMAL MEATTLE.

Application No. 2290/Cal/75 filed December 2, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

7 Claims.

A container made from a single piece of cardboard sheet or blank for storage of a plurality of documents or files having a thickness such as to allow a plurality of documents or files to be stacked therein comprising a part of one of the walls together with the cover member is adapted to be opened or closed in order to allow an introduction or withdrawal of files within said container, a pair of first arm extending from said blank having a bend line along said blank, said arms constituting the side walls of the said cover, a pair of second arms extending from said blank constituted by providing a slit and a bend line at right angle forming the side walls of the said container, a portion defined between said slit and said bend line at right angles forming the base, a pair of arms provided at the base thereof which are adapted to bend inwardly through bend lines and held to the said side walls, the front and the back walls being defined from the said base and for bend lines across said blank for forming the container.

CLASS 84C, & 108B, & B, & C.

145468.

Int. Cl.-B01j 2/28, C21d 5/14.

A PROCESS FOR PRODUCING GRAPHITIC AGGLOMERATES AND AGGLOMERATED PRODUCTS OBTAINED BY IT.

Applicant : S.I.A.P. SOCIETA INDUSTRIALE AGGLOMERATE PRODOTTI PETROLIFERI S.P.A. 117, CORSO DEL POPOLO, 30172, VENEZIA-MESTRE, ITALY.

Inventors : MARIO GAMBACORTA.

Application No. 1104/Cal/76 filed June 22, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims. No drawings.

A process for producing graphite agglomerates, comprising the steps of : mixing together in a suitable mixer a very fine graphitic powder, a coal such as anthracite, pit-coal : coke and a binder such as coal tar pitch, starch, lignin and its derivatives such as lignin-sulphonates, heating this mixture to about the melting temperature of the binder, and feeding the amalgamated mixture into a moulding press in which it is solidified into avoid shapes, briquets and the like, or feeding it into a pelletizing plant.

CLASS 89 & 128G.

145469.

Int. Cl.-G01n 11/00.

ECCENTRIC VISCOMETER FOR TESTING BIOLOGICAL AND OTHER LIQUIDS.

Applicant: OVUTIME, INC. OF 74 STANDISH CIRCLE, WELLESLEY, MASSACHUSETTS 02181, UNITED STATES OF AMERICA.

Inventors: LOUIS KOPITO, SAMUEL RANDAULPH SCHUSTER & HAROLD KOSASKY.

Application No. 1347/Cal/76 filed July 28, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A device for testing mucus from a bodily cavity, said device comprising an inner bearing element and an outer bearing element constrained for relative eccentric rotational motion with respect to each other means for biasing said elements for said eccentric rotational motion, and means for indicating the occurrence of such motion, said inner bearing element and said outer bearing element having inner and outer, horizontally disposed, cylindrical bearing surfaces, said relative motion being a rotational movement about eccentric bearing surface axes that is related to both shear and displacement of said mucus.

CLASS 70B & C.

145470.

Int. Cl.-B01k 3/02, C23b 5/04.

ELECTRODEPOSITION OF IRON ACTIVE MASS AND ELECTRODES PREPARED THEREBY.

Applicant: INCO EUROPE LIMITED, (FORMERLY KNOWN AS INTERNATIONAL NICKEL LIMITED), OF THAMES HOUSE, MILLBANK, LONDON, S.W.1, ENGLAND.

Inventors: COLIN GREAVES & DAVID JOHN SPIERS.

Application No. 2161/Cal/76 filed December 4, 1976.

Convention date December 9, 1975 (50478/75) U.K.

Appropriate office for opposition proceedings Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims. No drawings.

A process for producing iron electrodes by the deposition of iron active mass on to a smooth impermeable electrically conducting surface comprising electrolytically depositing active mass consisting of iron and iron oxide and/or hydroxide from an electrolyte made up from ferric ions, and soluble carboxylate ion and having a bulk pH of less than 4.000 using a cathode current density of between 10 and 1000 mA/Cm².

CLASS 32F₁ & F_{3c}.

145471.

Int. Cl.-C07c 101/00.

PREPARATION OF BENZYL AND ARYL ESTERS OF N-PHOSPHONOMETHYL GLYCINES.

Applicant: MONSANTO COMPANY, OF 800 NORTH LINDBERGH BOULEVARD, ST. LOUIS, MISSOURI 63166, UNITED STATES OF AMERICA.

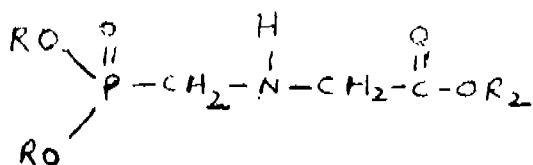
Inventor: GERARD ANTHONY DUTRA.

Application No. 2280/Cal/76 filed December 28, 1976.

Appropriate office for opposition proceedings Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

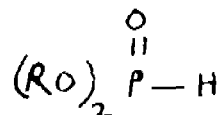
6 Claims.

A process for the production of N-phosphonomethyl glycine triesters of the formula V.

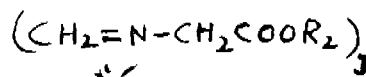


wherein R is a member of the group consisting of phenyl, benzyl, naphthyl, biphenyl, benzyloxyphenyl and such

groups substituted with from 1 to 3 groups selected from the class consisting of hydroxyl, lower alkyl, lower alkoxy, lower alkylthio, trifluoromethyl, carbo lower alkoxy, nitro and halo and R₂ is a lower alkyl group, and acid addition salts thereof; which comprises forming a solution of a phosphite ester of the formula



wherein R is as above defined and an N-methylene lower alkyl glycinate trimer of the formula



wherein R₂ is as above defined in an aprotic solvent such as herein described and heating said solution to a temperature between 20°C and 200°C to initiate the reaction between said phosphite and said trimer and maintaining the said solution at said temperature to substantially complete the reaction to produce said N-phosphonomethyl glycine triesters, and, if desired, converting in known manner the products to their acid addition salts.

CLASS 62-D & 145A & B & 40F.

145472.

Int. Cl. B27d 1/00, D21d 3/00.

MANUFACTURE OF OVERLAYED PRODUCT WITH PHENOL-FORMALDEHYDE BARRIER FOR POLYISOCYANATE BINDER AND A PRODUCT SO MANUFACTURED.

Applicant: ELLINGSON TIMBER CO., OF 3275 BAKER STREET, BAKER, OREGON, UNITED STATES OF AMERICA.

Inventors: PHILIP D. SHOEMAKER & ROBERT O. MCQUEARY.

Application No. 34/Cal/77 filed January 12, 1977.

Convention date September 13, 1976 (261078/76) Canada.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A method for the manufacture of an overlayed product having comminuted cellulosic material such as defined herein making up the core of the product, and using organic polyisocyanate as a binder for the cellulosic material, the binder being devoid of formaldehyde, which consists in producing a furnish in the form of a mat from the said comminuted cellulosic material by mixing therewith the organic polyisocyanate containing at least two active isocyanate groups per molecule, or mixture of such compounds preparing a mat from such furnish with such mat placed against a side of a sheet overlay, said overlay having phenol-formaldehyde resin distributed therein and presented by said overlay toward said mat, and then consolidating the furnish in said mat and said overlay to form an integral product by the application of heat and pressure the phenol-formaldehyde resin during such consolidation forming a resinous barrier inhibiting penetration of the polyisocyanate through the overlay.

CLASS 32F₁ & F_{3b}.

145473.

Int. Cl.-C07d 13/04, 13/10, 15/08, 17/00.

PROCESS FOR PREPARING SUBSTITUTED 2, 3-ALKYLENE BIS (OXY) BENZAMIDE DERIVATIVES.

Applicant: SOCIETE D'ETUDES SCIENTIFIQUES ET INDUSTRIELLES DE L'ILE-DE-FRANCE, OF 46 BOULEVARD DE LATOUR-MAUBOURG, 75, PARIS 7^e, FRANCE.

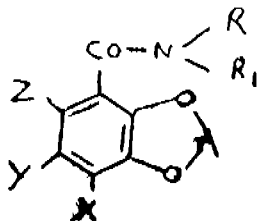
Inventors: MICHEL THOMINET, (2) GERARD BULTAU, (3) JACQUES ACHER, (4) CLAUDE COLLIGNON.

Application No. 1165/Cal/77 filed July 29, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

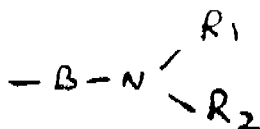
A process of producing the compounds of formula 1.



in which :

A represents a C₁-3 alkylene chain, mainly methylene, ethylene, or propylene substituted or unsubstituted by a C₁-4 alkyl group, mainly a methyl, ethyl, propyl, isopropyl, butyl, isobutyl, t-butyl group, by a C₁-4 hydroxyalkyl group, mainly a hydroxymethyl, hydroxyethyl, hydroxy-propyl, or hydroxybutyl group,

R represents a hydrogen atom, a C₁-4 alkyl group, mainly a methyl ethyl, propyl, isopropyl, butyl, isobutyl, or t-butyl group, or a radical having the general formula II.



in which B represents a single bond, a C₁-3 alkylene chain, mainly methylene, ethylene or propylene, unsubstituted or substituted with a C₁-4 alkyl group mainly a methyl, ethyl, propyl, isopropyl, butyl, isobutyl, t-butyl group or with a C₁-4 alkenyl group mainly a vinyl or allyl group,

R₁ represents an hydrogen atom, a C₁-4 alkyl group mainly a methyl ethyl, propyl, isopropyl, butyl, isobutyl, t-butyl group, a C₁-4 alkenyl group mainly a vinyl or allyl group, a C₁-4 alkenyl group mainly an ethylene ethynyl or propargyl group, an alkyl group substituted for example with a hydroxy, mercapto, acyl, thioacyl, alkoxy alkylthio, or substituted or substituted amino group, and can be connected to B so as to form a saturated or unsaturated nitrogenous heterocycle, such as azetidine, pyrrolidine, piperidine, polyhydrozepine, pyrrolone, polyhydropyridine.

R₂ represents a hydrogen atom, a C₁-4 alkyl group mainly a methyl, ethyl, propyl, isopropyl, butyl, isobutyl, t-butyl group, a C₁-4 alkenyl group mainly a vinyl or allyl group, a C₁-4 alkenyl group mainly an ethynyl or propargyl group, an alkyl group substituted for example with a hydroxy mercapto, acyl, thioacyl, alkoxy, alkylthio, substituted or unsubstituted amino group or a saturated or unsaturated, unsubstituted or substituted heterocycle containing one or more hetero atoms such as azetidine, pyrrolidine, piperidine, pyrimidine, pyrazine, furan, polyhydrofuranne, pyranne, polyhydropyranne, quinuclidine, azabicycloalkane, diazabicycloalkane, or a phenyl, adamantyl, cycloalkyl, bicycloalkyl, cycloalkenyl group connected to the nitrogen atom of formula (II) directly through a carbon atom of the cycle or through a substituted or unsubstituted alkylene chain,

R₁ and R₂ can be linked together to form a heterocycle containing or not other heteroatoms, such as azetidine, pyrrolidine, piperidine, imidazolidine, piperazine, morpholine, thiazolidine, and when the heterocycle contains another nitrogen atom this one can be substituted with a C₁-4 alkyl group, mainly a methyl, ethyl, ethyl propyl isopropyl butyl, isobutyl t-butyl group a C₁-4 alkenyl group mainly a vinyl or allyl group, a C₁-4 alkenyl group, mainly an ethynyl or propargyl group, a phenyl group, a benzyl, cycloalkyl, cycloalkenyl, cycloalkanealkyl, cycloalkenealkyl, adamantyl, bicycloalkyl group, or an alkyl group substituted by a hydroxy, mercapto, acyl thioacyl, alkoxy, alkylthio group,

R' represents a hydrogen atom, a C₁-4 alkyl group mainly a methyl, ethyl, propyl, isopropyl, butyl, isobutyl, t-butyl group, a C₁-4 alkenyl group mainly a vinyl or allyl group,

a C₁-4 alkenyl group, mainly an ethynyl or propargyl group, an adamantyl, pyrimidinyl, pyrazinyl, diazepinyl, quinuclidinyl, azabicycloalkyl, diazabicycloalkyl, bicycloalkyl, substituted or unsubstituted phenyl, substituted or unsubstituted aralkyl, mainly benzyl or phenethyl,

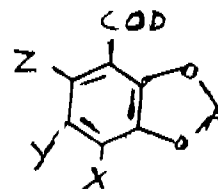
R' and B can be connected together to form mononitrogen heterocycles such as azetidine, pyrrolidine, piperidine, polyhydrozepine, azabicycloalkane which may be substituted or not,

R' and R₂ can be joined together to form saturated or unsaturated dinitrogen heterocycles such as piperazine, diazepine, pyrimidine, pyrazine, diazabicycloalkane, which may be substituted or not,

X represents a hydrogen or halogen atom, a hydroxy, a C₁-4 alkoxy group mainly methoxy, ethoxy, propoxy, isopropoxy, butoxy, isobutoxy, t-butoxy, a C₁-4 alkyl group, mainly methyl, ethyl, propyl, isopropyl, butyl, t-butyl, an amino or amino substituted group by a C₁-4 alkyl group mainly methyl, ethyl, propyl, isopropyl, butyl, t-butyl, by an acyl group mainly formyl, acetyl, phthaloyl, by an aralkyl group mainly benzyl, phenethyl, by a furanyl, pyranal, alkoxy carbonyl group,

Y represents a hydrogen or halogen atom, a hydroxy, a C₁-4 alkoxy mainly methoxy, ethoxy, propoxy, isopropoxy, butoxy, isobutoxy, t-butoxy group, a nitro, an amino group or an amino group mono or disubstituted by an alkyl mainly methyl, ethyl, propyl, isopropyl, butyl, isobutyl or t-butyl group, by an acyl mainly formyl, acetyl, or phthaloyl group, by an aralkyl mainly benzyl or phenethyl group, by a furanyl, pyranal, alkoxy carbonyl group, a C₁-4 alkylsulfonyl mainly methylsulfonyl, ethylsulfonyl, propylsulfonyl, isopropylsulfonyl, butylsulfonyl, isobutylsulfonyl, t-butyl sulfonyl group, an adamantylsulfonyl cycloalkylsulfonyl group, a sulfonyl group substituted by a NR₁R₂ amino group mono or disubstituted in which R₁ and R₂ which can be identical or different are hydrogen, or a C₁-14 alkyl, mainly methyl, ethyl, propyl, isopropyl, butyl, isobutyl or t-butyl group, a C₁-4 alkenyl mainly vinyl or allyl group, a C₁-4 alkenyl ethynyl or propargyl group, a phenyl, benzyl cycloalkyl, cycloalkenyl, cycloalkanealkyl, cycloalkenealkyl, bicycloalkyl, adamantyl, pyrimidinyl, pyrazinyl, alkyl substituted by a hydroxy mercapto, acyl, thioacyl, alkoxy, alkylthio, or form together with the nitrogen atom to which they are attached a heterocycle which may possibly contain another substituted or unsubstituted heteroatom,

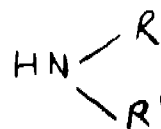
Z represents a hydrogen or halogen atoms, a hydroxy a C₁-4 alkoxy mainly methoxy, ethoxy, propoxy, isopropoxy, butoxy, isobutoxy, or t-butoxy group, a nitro, an amino group, an amino group mono or disubstituted by a C₁-4 alkyl mainly methyl, ethyl, propyl, isopropyl, butyl, isobutyl, group, by an aralkyl mainly benzyl or phenethyl group, by a furanyl, pyranal, alkoxy carbonyl group, wherein X and Y or Y and Z can be connected together through a substituted or unsubstituted carbon chain, or through other heteroatoms to form a cycle such as substituted or unsubstituted or unsubstituted triazole imidazole, oxazole, thiadiazole, pyrazine, piperazine, diazepine and their oxides, characterised in that a compound having the general formula III.



in which :

A, X, Y and Z are as defined above,

D represents a hydroxy group, a halogen atom or an organic residue, reacts on an amine having the general formula IV.



in which R and R' are as defined above, or one of its reactive derivatives.

CLASS 69-B.

145474.

Int. Cl. H02h 3/00.

A CIRCUIT.

Applicant & Inventor : DEOKI NANDAN SINGHANIA
C/O. M/S. SICCO ELECTRIC SHOCK CONTROL DEVICE
PRIVATE LIMITED, PLOT NO. 78, SECTOR NO. 6,
FARIDABAD (HARYANA) INDIA.

Application No. 41/Del/77 filed March 5, 1977.

Addition to No. 1320/Cal/76.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A circuit for protecting electrical apparatus from short circuit or overload fault currents comprising inductively coupled signal pick up means for a single phase or for each phase, a first responsive means adapted to receive a signal voltage from said signal pick up means and being in an actuated state also when the fault current to the load corresponds to an overload fault current, a time delay means comprising a thermistor connected to said first responsive means, said time delay means connected to a switching circuit as described in parent Patent Application No. 1320/Cal/76 characterized in a second responsive means connected between said pick up means and the switching circuit, said second responsive means being in an actuated state only when the fault current corresponds to a short circuit fault current, said second responsive means provided in a parallel to said first responsive means.

CLASS 34-D.

145475.

Int. Cl.-C07g 1/00.

PROCESS FOR PREPARATION OF NOVEL LIGNOCELLULOSE ACETALS.

Applicant : INDIAN JUTE INDUSTRIES, RESEARCH ASSOCIATION OF 17, TARATOLA ROAD, CALCUTTA-700063, WEST BENGAL, INDIA.

Inventors : DR. ASHOK YESHWANT KULKARNI, (2)
TAPAN KUMAR GUHA RAY.

Application No. 2281/Cal/75 filed November 29, 1975.

Post-dated to May 29, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims. No drawings.

A method of producing novel lignocellulose acetates which comprises treating lignocellulose-containing fibrous material such as jute, wood and the like, with an acylating agent in the presence of glacial acetic acid with or without the addition of phosphoric acid.

CLASS 116-G.

145476.

Int. Cl.-B65g 21/00.

CONTINUOUS TRANSPORT SYSTEM.

Applicant : CENTRE STEPHANOIS DE RECHERCHES MECANIQUE HYDROMECANIQUE ET FROTTEMENT, OF ZONE INDUSTRIELLE, RUE BENOIT FOURNEYRON, ANDREZIFUX BOUTHEON (LOIRE), FRANCE.

Inventors : DANIEL MICHALON.

Application No. 302/Cal/76 filed February 20, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

27 Claims.

A continuous transport system comprising :

at least one main looped track; a plurality of vehicles, each said vehicle including a platform and a removable cabin; said main track having a plurality of said platforms secured thereto at regular intervals and being adapted to convey said platforms at a constant speed;

at least one looped disembarkation and embarkation station track having a portion thereof substantially parallel to a section of said main track;

said station track having a plurality of said platforms secured thereto and being adapted to convey said platforms therealong at a varying speed;

wherein each said platform disposed on said portion of said station track which is substantially parallel to said section of said main track is conveyed in a side by side horizontal projection relationship and at an equal speed with respect to a corresponding platform disposed on said section of said main track;

each of said removable cabins being adapted to be transferred between a platform disposed on said portion of said station track and a corresponding platform disposed on said section of said main track; and

wherein said station track is adapted to never intercept in the same plane with said main track.

CLASS 23-E & 99F.

145477.

Int. Cl.-B65d 5/02.

CONTAINER MADE OF FOLDABLE MATERIAL.

Applicant : METAL BOX LIMITED, OF QUEENS HOUSE, FORBURY ROAD, READING RG1 3JH, BERKSHIRE, ENGLAND.

Inventor : WILLIAM EDWARD FORSTER.

Application No. 1330/Cal/76 filed July 26, 1976.

Convention date August 1, 1975 (32305/75) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A container made from foldable material, for example cardboard, having a base and side and end walls which are hingedly connected to the base and are folded to be up-standing from the base, wherein the base comprises like first and second base portions hingedly connected by an intermediate base portion, the dimension between the hinge connections of the intermediate base portion being substantially equal to the height of the end and side walls, and wherein the side walls each comprises first and second wall portions respectively hingedly connected to the first and second base portions and an intermediate side wall portion which extends between the first and second side wall portions and is connected thereto one on either side, said intermediate side wall portions further being hingedly connected to respective ends of the intermediate base portion, the arrangement being such that the pristine volume of the container can be reduced by separating each side wall along at least one of the connections between the intermediate side wall portion and the said first and second side wall portions, up-folding the intermediate base portion, with infolding of the intermediate side wall portions, to form an end wall for the container in its reduced-volume condition, and that the base portion, side wall portions and end wall connected to the top of the up-folded intermediate base portion forms an integral lid for the container in its reduced-volume condition.

CLASS 6A.

145478.

Int. Cl.-B01d 49/00.

PROCESS FOR OBTAINING POLLUTANT MATERIAL FREE GAS STREAM AND AN APPARATUS THEREFOR.

Applicant : LONE STAR STEEL COMPANY, OF 2200 W. MOCKINGBIRD LANE, DALLAS, TEXAS, 75235 UNITED STATES OF AMERICA.

Inventors : THOMAS KENNY EWAN, MALLEY RAY BASS, JENNINGS DONNELL MEANS, JAMES LEAKE FRIER & ORVIS LAVELL HOLLAND.

Application No. 2104/Cal/76 filed November 24, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

A process for obtaining pollutant material free gas stream in which the gas stream contaminated with said pollutant material is driven through an enclosed mixing zone in admixture with liquid droplets which encapsulate the pollutant in the gas stream during drive of the latter at least in part as or by a jet of compressible fluid, characterized by directing said mixture into a diffuser zone of gradually increasing cross-sectional area defined by an inner surface having opposed diverging surface portions, and deflecting the flow of said mixture as it enters said diffuser zone away from one of said opposed diverging surface portions of said diffuser zone and toward the other of said opposed diverging surface portions to cause deentrainment of said droplets from said mixture.

CLASS 34-D. 145479.
Int. Cl.-C07g 1/00.

METHOD OF PRODUCING NOVEL LIGNOCFLLU- SIC ETHERS.

Applicant : INDIAN JUTE INDUSTRIES' RESEARCH ASSOCIATION, OF 17, TARATOLA ROAD, CALCUTTA-700053, WEST BENGAL, INDIA.

Inventors : DR. ASHOK YESHWANT KULKARNI, (2) TAPAN KUMAR GUHA RAY.

Application No. 526/Cal/78 filed May 15, 1978.

Division of Application No. 2281/Cal/75 filed May 29, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims. No drawings.

A method of producing novel lignocellulose ethers which comprises treating lignocellulose containing fibrous materials such as jute, wood and the like or its sodium derivative, with an ether forming agent selected from the compounds having reactive halogen containing or oxygen containing group such as monohalosubstituted alkanes and monohalo-substituted alkyl acids, ethylene chlorhydrin and ethylene oxide.

CLASS 129-D. 145480.
Int. Cl.-B23k 35/36.

REACTION TYPE SOLDERING FLUX.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI, INDIA.

Inventors : SRI SISIR KUMAR BHATTACHARYA & SRI ASHIM KUMAR RAY JR.

Application No. 44/Del/76 filed December 1, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

2 Claims. No drawings.

A reaction type soldering flux for soldering thin sheets of aluminium to aluminium/aluminium to Brass etc. comprising 79 to 79.5% Zn cl₂, 8.5 to 9% Sncl₂, 8% NH₄cl, 2% Kcl & 2% NaF.

CLASS 87C. 145481.
Int. Cl.-A63b 49/02.

IMPROVEMENTS IN OR RELATING TO TENNIS AND FOR BADMINTON RACKET FRAMES.

Applicant & Inventor : VINOD KUMAR BANSAL, AN INDIAN NATIONAL AND TRADING AS GENERAL METALS, JAGADHARI (HARYANA) INDIA.

Application No. 33/Del/77 filed February 19, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims.

A light metallic tennis and/or badminton racket frame comprising two hollow parallel aluminium tubings of similar shape and size integrally joined together with another hollow tubing of a smaller bore in between the said two tubings to form three separate channels characterised in that the said middle tubing joining the said two tubings has on its inner side a long slot running throughout the length of the whole tubing assembly; the said middle tubing carrying holes in which the string netting of the racket is fixed such that the said inner slot serves both as the stabilizer of the said twin tubings assembly of the frame and also as the housing for the string nettings to be fixed on the racket, the whole tubing assembly being thereafter moulded and turned into the required shape to form the racket frame.

CLASS 90F. 145482.
Int. Cl.-B29f 3/00.

MACHINE FOR MANUFACTURING PHIALS, AMPOULES OF THE LIKE FROM THERMOPLASTIC SUBSTANCES, IN PARTICULAR GLASS.

Applicant & Inventor : HANS-JOCHIM DICHTER, OF SACHSENDAMM 93, 1 BERLIN 62, WEST GERMAN.

Application No. 1335/Cal/76 filed July 27, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A machine for manufacturing phials, ampoules or the like from thermoplastic substances, in particular glass, having a number of holders capable of rotating around their own axes and around a central axis, which are distributed around the circumference of the machine and are supported on a frame in the nature of a turntable, whose axis of rotation constitutes the central axis, characterized in that the holders are mounted on segment-like carriers which together form a cylinder, and which are fastened to a support ring mounted on part of a ball race.

CLASS 32C. 145483.
Int. Cl.-C07f 9/02.

PROCESS FOR THE PREPARATION OF ORGANO PHOSPHORUS COMPOUNDS.

Applicant : ROHM AND HAAS COMPANY, OF INDEPENDENCE MALL WEST, PHILADELPHIA, UNITED STATES OF AMERICA.

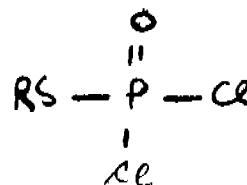
Inventor : HORST OTTO BAYER AND WILLIAM STUART HURT.

Application No. 1350/Cal/76 filed July 28, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

21 Claims. No drawings.

A process for preparing a phosphorodichloridothiolate of the formula :



100 - 21107
7/19/80

wherein R is (a) a C1-C10 alkyl group, optionally substituted with a (C1-C4) alkoxy group, a (C1-C4) alkylthio group or a halogen atom; (b) a (C3-C6) cycloalkyl group; (c) a C7-C10 aralkyl group, optionally substituted with up to three substituents which may be the same or different and which are selected from (C1-C5) alkyl, (C1-C5) alkoxy, halogen, and nitro; or (d) a (C6-C10) aryl group, optionally substituted with up to three substituents which may be the same or different and which are selected from (C1-C5) alkyl, (C1-C5) alkoxy, halogen and nitro; which comprises reacting at a temperature of -20°C. to 50°C; sulfenyl chloride of the formula



wherein R is as defined above, with phosphorus trichloride, and water or a carboxylic acid.

CLASS 195F.

145484.

Int. Cl.-B60c 29/00.

A VALVE STEM FOR USE WITH A VALVE OF A PNEUMATIC TUBE OF A TYRE.

Applicant: FORBES FORBES CAMPBELL & CO. LTD., FORBES BUILDING, CHARANJIT RAI MARG, BOMBAY-400001, MAHARASHTRA, INDIA.

Inventor: ANIL GOPAL CHIPLUNKAR.

Application No. 118/Bom/76 filed April 13, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

2 Claims.

A valve stem for use with a valve of a pneumatic tube of a tyre having an axial bore for receiving the known valve-plug assembly through the first end of the stem, the second end of the stem, which is locatable in an aperture on the rim of the tyre, being surrounded by a rubber base-member in bonded relationship, the base-member having a flared end for being bonded to the tube around the air-inflation opening thereof, characterised in that the stem has a non-convoluted outer periphery over which the base-member extends to also surround a substantial length of the stem in bonded relationship the base-member having a profiled convexity around it, such that both the extended portion and the profiled convexity of the base-member combine to hold the stem securely in a snug-fit in the said aperture.

CLASS 195C.

145485.

Int. Cl.-F16k 3/00.

GATE VALVE.

Applicant: VACUUM PLANT AND INSTRUMENTS MANUFACTURING COMPANY PRIVATE LIMITED, MUNDHAWA-POONA-411036, MAHARASHTRA, INDIA.

Inventor: GAJANAN VISHWANATH SATHE.

Application No. 364/Bom/75 filed December 12, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

2 Claims.

A gate valve comprising a flat chamber formed by two walls, a screw type spindle, capable of travelling in an upward and downward direction, a closing gate with a stopper at the bottom is articulately fixed on the lower side of the said spindle, such that when the spindle is lowered, the said stopper at the lower end rests on the bottom of the said flat chamber and on further screwing down of the said spindle a hinge means pushes the gate such that the gate having a ring of resilient material on its closing surface tends to close the opening of the valve from one side; and further attempt

to push the spindle down, tightness the gate over the opening of the valve so as to offer complete and perfect closure for the opening of the said gate valve.

CLASS 158F.

145486.

Int. Cl.-B61f 1/00.

A BOGIE WITH A TORSIONALLY YIELDING, ANGULARLY STIFF FRAME FOR HIGH SPEED RAILWAY VEHICLES.

Applicant: MASCHINENFABRIK AUGSBURG-NURNBERG AKTIENGESellschaft, OF KATZWANGER STRASSE 101, 8500 NURNBERG, WEST GERMANY.

Inventor: ULRICH KAYSERLING.

Application No. 1426/Cal/75 filed July 22, 1975.

Appropriate office for opposition Proceedings (Rule Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

A bogie (1) having a torsionally soft frame with stiff corners having two longitudinal bearer bogie side members (3, 4) capable of pivoting relative to each other in a vertical direction, while being guided to prevent displacement in a horizontal plane which side members are interconnected by non-wearing means (5, 6) and which bogie is connected to a body (10) of the rail vehicle by means of a pivot point and in which each axlebox (ii) is provided with an axlebox guide (12) and in which in addition to the means (5) centrally connecting the side members (3, 4) further means (6) are provided connecting the ends (ends 7 of side members) of these bogie side members (3, 4) and in which the means (5) provided centrally in the area of the vertical central transverse plane is formed as a central joint permitting only motions about the y-axis (rotary joint 23 or spring leaf 36) while the means connecting the ends (7) of the side members are constructed as spring leaves (35) and that the ends of these spring leaves are connected to the ends (7) of the side members in a manner to prevent angular displacement.

CLASS 94G

145487

Int. Cl.-B02c 11/04.

HOPPER FOR GRINDING MILLS.

Applicant & Inventor: MADAN LAL SABOO, OF 11A NAKA MADAR, AJMER, RAJASTHAN, INDIA.

Application No. 2280/Cal/75 filed November 29, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch

8 Claims.

A copper for grinding mills comprising a main body having a central hole at the bottom thereof and a means for controlling the size of said central hole said means comprising a helve slidably movable at the base of said main body, said helve being coupled with a movable plate at one end thereof, the other end of said plate being tensioned by means of a spring.

CLASS 131B, & B.

145488.

Int. Cl.-E21b 9/00.

PERCUSSION DRILL BIT AND ASSOCIATED ROD.

Applicant: SANDVIK AKTIEBOLAG, OF FACK, S-81101 SANDVIKEN 1, SWEDEN.

Inventors: HANS PER OLOF LUNDSTROM AND HARRY ARTHUR WIREDAL.

Application No. 825/Cal/76 filed May 11, 1976

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A percussion drill bit having one or more cutting edges at its front end which faces the ground in use and a central hole extending into the bit from its rear end and terminating short of the front of the bit, the hole defining internally a forwardly tapering frustoconical surface and a cylindrical surface axially ahead of the frustococonical surface towards the front end, the said cylindrical surface having a thread located away from the front end thereof such that a cooperatively engageable thread on a cylindrical surface at the front end of a cooperating drill rod can be screwed through the thread on the bit and lie within the cylindrical surface in front of the thread on the bit.

CLASS 14C.

145489.

Int. Cl.-H01m 35/00.

AUTOMATIC DEVICE FOR FIXING THE EDGE OF A MOVING BAND.

Applicant & Inventor : IVAN ALEXANDROVICH KOLOSOV, ULITS ASTRAKHANSKAYA, 118, KV. 54, SARATOV, USSR.

Application No. 1712/Cal/76 filed September 15, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

An automatic device for fixing the edge of a moving band, wherein a roll holder that feeds the band into the machine over at least one bar, is controlled by a band roll cross-traverse mechanism, said band roll cross-traverse mechanism is made as an air cylinder whose chambers are communicated along pipings with a system of compressed-gas supply through throttle valves provided in each of the pipings; located between each of the throttle valves and the respective chamber of said air cylinder are nozzles connected through their inlets, thus ensuring a uniform gas discharge from the both chambers of said air cylinder at a time; at least one nozzle having a closure adapted to interact with the band edge to serve as the band edge position detector effecting control over the operation of the air cylinder.

CLASS 42A.

145490.

Int. Cl.-B65b 19/22.

DEVICE FOR PUTTING THE INNER FOIL WRAPPER WITH THE LENGTH'S LONG ENDS OVER ONE OF THE LARGER FACES OF THE BUNDLE OF CIGARETTES IN A VERY HIGH SPEED SOFT PACKET CIGARETTE PACKER.

Applicant : G. D. SOCIETA PER AZIONI, OF VIA POMPONIA 10, BOLOGNA, ITALY.

Inventor : ENZO SERAGNOLI.

Application No. 391/Cal/77 filed March 17, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

Device made for inner foil wrapping with the length's long ends over one of the larger faces of the bundle of cigarettes in very high speed soft packet cigarette packers, comprising a head or wheel turning at intervals fitted with a number of radiating compartments equidistant from one another each capable of receiving a bundle of cigarettes for packaging laid long sides to the axis of rotation of the said turning head or wheel and a number of fixed and moving organs for folding and in combination with the said turning head or wheel for packaging operations with the said length of foil, one of the said folder organs being set at a tangent to the peripheral fascia of the said turning head or wheel corresponding to a stay position occupied successively by the compartments of the said turning head or wheel with alter-

nating movement radial to the said turning head or wheel, featuring the fact that the wall of each compartment above it in the sense of rotation of the turning head or wheel comprises a thin plate and that the said folder organ with alternating movement also has a thin plate facing the said turning head or wheel so as during its forward movement to rebut the after ends of the length of foil onto the surface of the former plate external to the corresponding compartment.

CLASS 116G.

145491.

Int. Cl.-B65g 67/48.

IMPROVEMENTS IN OR RELATING TO SIDE DISCHARGE WAGON TIPPLER.

Applicant : HEAVY ENGINEERING CORPORATION LIMITED, PLANT PLAZA ROAD, RANCHI-4, BIHAR, INDIA.

Inventors : GEORGE EASO MATHEW, ZIAUDDIN AHMED, TALLURI LAXMI NARAYANA SOURI AND BACHCHA CHOUBEY.

Application No. 974/Cal/77 filed June 28, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A wagon-tippler of the side discharge type comprising a rail platform mounted on a frame which is supported at two ends on pedestal bearings, clamping means for the wagon fitted to the said frame wherein there are provided three angular rotating frames spaced parallelly and interconnected so that two wagons are supported on the three said rotating frames, the central rotating frame being common for supporting the two wagons which may be different dimensions and height, the lengths of the slot provided in each rotating frame being kept more than the clearance between the top of the lowest wagon and the clamping means, means being provided for rotating the said frames to unload the wagon.

CLASS 157-Da.

145492.

Int. Cl.-E01b 27/12.

A TRACK TAMPING MACHINE FOR CONSOLIDATING THE BALLAST BENEATH SEVERAL SLEEPERS OF A TRACK.

Applicant : FRANZ PLASSER BAHANBAUMASCHINEN-INDUSTRIEGESELLSCHAFT M.B.H. OF JOHANNESGESSE 3, VIENNE 1, AUSTRIA.

Inventor : ING. JOSEF THEURER.

Application No. 843/Cal/76 filed May 14, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

Track tamping machine for consolidating the ballast beneath several sleepers of a track, more particularly a track tamping, levelling and lining machine, with tamping tools supported on a tamping unit frame or on an intermediate support and vertical adjustment drives vibratory drives and reciprocatory drives associated therewith, every two tamping tools which are adjustable relative to each other in the longitudinal direction of the track and can plunge together into a sleeper crib, forming a spreading tamping tool pair, characterized in that only two spreading-tamping tool pairs or groups are arranged one behind the other along the track axis for plunging into two directly adjacent sleeper cribs to form a twin spreading-tamping unit and that both spreading tamping tool pairs or groups are supported on a common tamping tool carrier and are connected to a drive for common vertical adjustment.

CLASS 157Da & C.

145493.

Int. Cl.-E01b 9/00.

ELASTICALLY YIELDABLE RAIL FASTENER AND RAIL FIXING DEVICE INCLUDING SAID FASTENER.

Applicant RESSORTS DU NORD S A R L OF 6 RUE DARU, 75008 PARIS FRANCE

Inventors MICHEL DUCHETIN

Application No 2060/C/76 filed November 17 1976

Appropriate office for opposition proceedings (Rule 4 Patents Rules 1972) Patent Office Calcutta

12 Claims

An elastically yieldable fastener for fastening a rail to its support, comprising an elastically yieldable strip bent onto itself and defining two superimposed branches of the same length which are interconnected by a curved portion and are each provided with an aperture for the passage of clamping means, wherein the upper branch comprises between the aperture for the passage of the clamping means and its free end and between two lateral portions for bearing on the lower branch a boss whose upper surface has a shape corresponding to the shape of the clamping means whereby, in the normal clamping position the portion of the branch carrying the surface of contact with the clamping means is raised with respect to the lateral portions for bearing on the lower branch

CLASS 107C

145494

Int Cl-F02b 19/08

A PRE-COMBUSTION CHAMBER FOR AN INTERNAL COMBUSTION ENGINE

Applicant KIRLOSKAR OIL ENGINES LIMITED AT 13 LAXMANRAO KIRLOSKAR ROAD PUNE 411003 MAHARASHTRA INDIA

Inventor SURENDRA BAIKRISHNA CHANDORKAR

Application No 349/Bom/76 filed October 11, 1976

Appropriate office for opposition proceedings (Rule 4 Patents Rules 1972) Patent Office, Bombay Branch

2 Claims

A precombustion chamber for an internal combustion engine, with a hemispherical top wherein the atomised fuel and air currents swirling in the chamber produce a substantially homogenous explosion mixture characterised in that the fuel injection nozzle is disposed at an angle 40° 5° to the floor of the chamber the axis of the nozzle being offset from the centre of the hemispherical top by 1 to 2 mm and the air passage to the chamber is disposed at an angle of 50° 5° to the floor of the chamber, the air passage being connected to a U shaped piston cavity sloping towards the air passage

CLASS 45B,

145495

Int Cl-E03d 11/10

IMPROVED LATRINE

Applicant & Inventor SHRIDHAR RAMCHANDRA SATHE, 418 NARAYAN PETH, PUNE 411030 MAHARASHTRA INDIA

Application No 89/Bom/77 filed March 4 1977

Appropriate office for opposition proceedings (Rule 4 Patents Rules 1972) Patent Office Bombay Branch

2 Claims

Improved Latrine which comprises of a stools tube attached with a urine pipe and provided with an inlet valve located at its bottom and a sliding plate with a handle being located in the hollow space provided in the foot steps which are secured on either sides of the stools tube and urine pipe the inlet valve allowing the stools and urine to fall down and preventing the foul gases to emerge out from the stools tube and urine pipe and the sliding plate slid by hand over the stools tube and the urine pipe before cleaning the

body by water so as to prevent the water from entering into the stools tube and urine pipe and the water being flown out of the urine through the water outlet pipe without mixing with the stools and the stools tube the urine pipe foot steps water outlet pipe foul gas outlet pipe and pillars are secured to the top lid of the stools container in which the stools and urine are stored and the inlet valve being fulcrumed in the middle on a shaft and having a counter weight on the other side the shaft being supported on the stools tube

CLASS 127 C

145496

Int Cl B29h 5/00

METHOD AND APPARATUS FOR VULCANIZING BELTS OR SIMILAR ARTICLES

Applicant J H FENNER & CO LIMITED, OF MARFLET HILL HUNTSIDE NORTH HUMBERSIDE, ENGLAND

Inventor WILLIAM KENNETH DONALDSON

Application No 1614/Cal/75 filed August 19, 1975.

Convention date August 21 1974 (36695/74) U K.

Appropriate office for opposition proceedings (Rule 4 Patents Rules 1972) Patent Office, Calcutta

17 Claims

A method of vulcanising conveyor or power transmission belts or similar articles during manufacture, in which successive regions of the article are presented to an arcuate zone wherein they are subjected to pressure accompanied by simultaneous heat transfer the displacement of the article relative to the zone between applications of pressure being short compared to the length of said zone

CLASS 40F & 129G

145497

Int Cl B23p 3/00, C23c 5 00

APPARATUS FOR CONTAINING THE MOLTEN REACTION PRODUCTS OF A REACTIVE CLADDING PROCESS

Applicant USS ENGINEERS AND CONSULTANTS, INC OF 600 GRANT STREET PITTSBURGH, STATE OF PENNSYLVANIA UNITED STATES OF AMERICA

Inventors RICHARD CONRAD ADAMS, ROBERT HENRY KACHIK ARTHUR JOHN PIGNOGCO & WALDO RAIL

Application No 1780/Cal/75 filed September 17, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta

15 Claims

Apparatus for containing the molten reaction products of a reactive cladding process comprising a base, a metal substrate resting on said base an outer perimeter shell of predetermined size and configuration resting on said base around said substrate said shell being substantially larger than said substrate a refractory-lined inner perimeter shell of predetermined size and configuration resting on said substrate, and enclosing exactly that portion of said substrate to be clad said inner perimeter and said outer perimeter defining an annular space for containing an insulating material, and insulating material in said space

CLASS 157 D

145498

Int Cl F01b 9 00

DEVICE FOR ELASTICALLY FASTENING A RAIL ON ITS SUPPORTS

Applicant RESSORTS DU NORD S A OF 6 RUE DARU, 75361 PARIS FRANCE

Inventor : MICHEL DUCHEMIN.

Application No. 1827/Cal/75 filed September 23, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A device for fastening a rail to a support, comprising at least two fasteners which are disposed on each side of the rail and are each maintained, by clamping means, in bearing relation to the flange of the rail and to the support, wherein each of the fasteners comprises

a spring strip, one of the longitudinal edges of which strip is bent in the free state and bears at its ends on the flange of the rail whereas the other longitudinal edge of the strip bears at least one point on the support, the clamping means extending through the centre of the strip.

CLASS 39-L.

145499.

Int. Cl.-C01f 7/00.

PROCESS FOR THE PREPARATION OF SPHEROIDAL ALUMINA PARTICLES.

Applicant : U O P INC. AT TEN UOP PLASA ALGONQUIN AND MT. PROSPECT ROADS, DES PLAINES, ILLINOIS, U.S.A.

Inventors : ALAN DELBERT WILKS & RUSSELL WARD JOHNSON.

Application No. 604/Cal/76 filed April 7, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims. No drawings.

A method for manufacturing spheroidal alumina particles which comprises :

(a) commingling a powdered alumina, an aluminium salt of a strong acid, a water-soluble surfactant and sufficient water to yield an extrudable mixture;

(b) stirring or mulling the mixture for a brief period until the decreasing viscosity of the mixture stabilises and extruding the mixture;

(c) segmenting and balling the extrudate under the centrifugal influence of a spinning drum; and

(d) drying and calcining the resulting spheroidal product.

OPPOSITION PROCEEDINGS

The opposition entered by, Dhyanagadha Chemical Works Limited to the grant of a patent on application No. 139807 made by Commonwealth Scientific and Industrial Research Organisation and Murphyores Incorporated Pty. Ltd. as notified in Part III, Section 2 of the Gazette of India, dated the 15th January, 1977 has been treated as withdrawn.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two Rupees per copy :—

(1)

139307

(2)

139413 139414 139422 139423 139428 139429 139430 139432 139437 139448 139452 139453 139454 139458 139460 139461 139465.

(3)

139472 139479 139484 139510 139520 139524

(4)

139553 139555 139564 139567 139581 139585 139586 139594 139595

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139617 139618 139619 139625 139627 139628 139652

(6)

139656 139658 139668 139685 139692 139696 139700 139701 139702

PATENTS SEALED

142226 142238 142533 142662 142686 142689 142782 143247 143327 143338 143349 143356 143381 143391 143402 143405 143415 143418 143425 143427 143429 143445 143477 143520 143529 143552 143565 143601

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

Notice is hereby given that Metallgesellschaft A.G., of 16 Frankfurt A.M., Keuterweg 14, West Germany, a Company organized under the laws of West Germany, have made an application under Section 57 of the Patents Act, 1970 for amendment of the complete specification of their application for patent No. 143854 for "Process of purifying gases produced by a gasification of solid fossile fuels by a treatment with water vapour and oxygen under superatmospheric pressure". The amendments are by way of correction, explanation and disclaimer. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during the usual office hours of copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(2)

Notice is hereby given that Texaco Development Corporation, of 135 East 42nd Street, New York, New York 10017, United States of America, have made an application under Section 57 of the Patent Act, 1970 for amendment of specification of their application for patent No. 144919 for "An apparatus for continuously separating by gravity a particulate carbon—liquid organic extractant dispersion". The amendments are by way of correction so as to describe the invention more clearly. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Chandra Bose Road, Calcutta-700017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification, at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

127888—Dow—Mac Concrete Limited.

APPLICATION FOR COMPULSORY LICENCE UNDER SECTION 84 OF THE PATENT ACT, 1970

A licence has been granted to M/s. Rail Udyog of 21/1, Shalimar Road, Howrah-3 on the application for compulsory licence under Section 84 of the Patents Act, 1970 on Patent No. 106622 and two oppositions entered by (1) Hoesch Rothe Erde-Schmiedag A.G. of Tremoniastrasse 5-11,

4600 Dortmund 1, West Germany on the 24th August, 1977 and (2) Guest Keen Williams Ltd. of 97, Andul Road, Howrah-711 103 on the 21st September, 1977 dismissed by Order of Joint Controller of Patents and Designs dated the 18th September, 1978.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
80347 (20-4-72)	Process for the preparation of 2, 4-diamino-5-(p-chlorophenyl)-6-ethyl pyrimidine salts.
81049 (20-4-72)	Process for the purification of polymyxins.
82862 (20-4-72)	Process for the production of infants milk powder.
86705 (20-4-72)	Process for the manufacture of benzodiazepine derivatives.
90506 (20-4-72)	Process for the manufacture of pyridine derivatives.
91368 (20-4-72)	Process for the preparation of imidazole derivatives.
92411 (20-4-72)	Process for the preparation of substituted 1, 4-benzodiazepines.
99104 (20-4-72)	Process for the preparation of 1-benzoyl-3-indolyl acetic acid.
100954 (20-4-72)	Process for producing new N-substituted lactams.
101892 (20-4-72)	A method of preparing biologically active compounds of bacitracin sparingly soluble in water.
102976 (20-4-72)	Process for preparing alpha amino acids.
104669 (20-4-72)	Process for the production of 3-substituted-5-(2-haloethyl)-2-oxazolidinones.
105289 (20-4-72)	Process for the manufacture of ferric ammonium citrate.
108134 (20-4-72)	Process for the manufacture of novel pharmaceutical compositions.
108596 (20-4-72)	Process for preparing derivatives of helveticoside.
121506 (20-4-72)	Process for the preparation of new penicillins.
135212 (10-4-72)	Improvements in or relating to the production of paraffin wax and lubricating oil fractions from slak wax.
136125 (20-4-72)	Process for preparing a rifamycin sv derivative.

RENEWAL FEES PAID

90068 90619 9021 95807 95871 95899 96059 96099 96178
 96362 96582 101094 101652 101894 102045 102076 102197
 102292 102520 103122 107318 107355 107431 107474 107535
 107586 107587 107639 107644 107670 107672 108116 108269
 111186 112290 112623 112780 112826 112955 113285 113338
 113347 114224 116431 116718 117347 117871 117872 117938
 117961 117977 117981 118001 118020 118074 118076 118087
 118088 118108 118123 118125 118217 118501 118620 118849
 119115 122601 123103 123486 123497 123514 123536 123636
 123670 123705 123820 123821 123908 125010 125237 127593
 128072 128662 128711 128735 128791 128899 128900 128905
 129025 129273 129420 129541 130326 131591 133100 133140
 133145 133347 133351 133379 133394 133408 133417 133653
 135530 135672 135992 136040 136216 136270 136465 136520
 136962 137015 137027 137165 138132 138400 138558 139076

139365 139535 139596 139718 139752 139800 140078 140084
 140212 140315 140355 140420 140793 140898 141018 141285
 141920 141958 142167 142347 142385 142610 142735 142766
 142791 142800 142905 142970 142971 143001 143028 143033
 143076 143172 143321 143455

CESSATION OF PATENTS

113302 114911 114919 114957 114961 114971 115002 115031
 115050 115058 115064 115067 115072 115077 115079 115090
 115096 115097 115098 115103 115104 115105 115107 115117
 115139 115140 115161 115189 115176 115177 115182 115183
 115196 115208 115210 115225 115237 115238 115245 115258
 115262 115267 115285 115286 115314 115320 115335 115341
 115362 115366 115367 115373 115374 115386 115413 115422
 115427 115435 115436 123783 131756

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1972 for the restoration of Patent No. 118327 granted to Power Research Institute, Central Water & Power Commission (Power Wing), Ministry of Irrigation & Power, Government of India for an Invention relating to "A field testing device for lightning arresters". The patent ceased on the 29th October, 1977 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 26th October, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 21st December, 1978 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 139749 granted to Gopal Vishwanath Apte for an invention relating to "Improvements in vibrator assemblies of straightline or elliptical throw type vibrating equipment having two contra-rotating shafts mounted with eccentric weights". The patent ceased on the 10th August, 1977 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 9th September, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 21st December, 1978 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 139850 granted to Gopal Vishwanath Apte for an invention relating to "devices for controlling the flow of free-flowing materials, independently or in combination with weighing apparatus". The patent ceased on the 9th August, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 9th September, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the

21st December, 1978 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 139851 granted to Gopal Vishwanath Apte for an invention relating to "devices for controlled distribution of free-flowing materials". The patent ceased on the 9th August, 1977 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 9th September, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 21st December, 1978 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 141135 granted to Hariom Satyanarayanji Bhoot for an invention relating to "a starter for use with a three-phase motor". The Patent ceased on the 27th June, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 2nd September, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 21st December, 1978 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

Class 1. No. 146099. Atalian Auto Industries, Nizamat Nagar, Basti Nau, Jullundur City, Punjab State, an Indian Sole proprietary concern. An Indian National. "A Wrench-cum-Hammer". October 7, 1977.

Class 1. Nos. 146174 to 146178. Steel Arts, an Indian Proprietary Concern A-34, Textile Colony, Industrial Area-A, Ludhiana-141003, (Punjab), India, "Tweezer". October 28, 1977.

Class 1. No. 146219. Boris Mikhailovich Akimov, Kharkov, Ulitsa Dzerzhinskogo, 81/85, kv. 16, USSR. (2) Anatoly Izrailevich Voronov, Kharkov, Ulitsa Chaikovskogo, 11, kv. 6, USSR. (3) Viktor Ivanovich Morozov Kharkov, Ulitsa Zernovaya, 16, kv. 90, USSR. (4) Vitaly Ivanovich Shalaev, Kharkov, Ulitsa Bairona, 16, G, kv. 32, USSR. (5) Viktor Vasilievich Demenko, Kharkov, poselok Khoroshevo Pereulok Gorkogo, 17, USSR. (6) Georgy Solomonovich Tsoglin, Kharkov, Ulitsa Geroev Truda 38, USSR. & (7) Albina Trofimovna Rjumina, Kharkov, Ulitsa Gvardeitsev Sheronintsev, 67, kv. 138, USSR." Container" November 16, 1977.

Class 1. No. 146262. Tobu Enterprises Private Limited, 8/29, Industrial Area, Kirti Nagar, New Delhi-110015, (India) an Indian Company. "Toy Car". November 26, 1977.

Class 1. No. 146263. Globe Super Parts, 14/1. Mathura Road, P.O. Amarnagar,, Faridabad-121003, Haryana, India, an Indian Company. "Tandoor" November 26, 1977.

Class 1. Nos. 146265 to 146267. Jugal Kishore Parnami, Sole Proprietor of Parnami Rubber & Plastics Works, 178-Parnami Block, Adarsh Nagar, Jaipur-302004, Rajasthan, an Indian National. "Dater" November 26, 1977.

Class 1. No. 146268. Vishal Engineering Co., 528 Gali Bazazan, Sadar Bazar, Delhi-6, an Indian Partnership Firm. "Ghungroo" November 28, 1977.

Class 1. No. 146285. Surendra Products Co., 27/17, East Patel Nagar, New Delhi-8, an Indian Partnership Firm. "Sharpner" December 6, 1977.

Class 1. Nos. 146317 & 146318. Wajidsons Exports, Wajid House, Prince Road, Moradabad, Uttar Pradesh, an Indian Partnership Firm. "Hukka" December 8, 1977.

Class 1. Nos. 146319 to 146322. Wajidsons Exports, Wajid House, Prince Road, Moradabad, Uttar Pradesh, an Indian Partnership Firm. "Coffee Pot" December 8, 1977.

Class 1. No. 146373. Bestone Enterprises, 290/1, Gali No. 4, Anand Parbat Industrial Area, New Delhi-110005, an Indian sole proprietary concern. "Horn" December 20, 1977.

Class 1. Nos. 146648 & 146649. Union Carbide India Limited, an Indian Company, of 1, Middleton Street, Calcutta-700071, West Bengal, India, "Cycle Clamp". February 8, 1978.

Class 1. No. 146651. Veb Kombinat Medizinund Labortechnik Leipzig, of Franz-Flemming-Strasse, 43-45, 7035 Leipzig, Germany. "An Endoscopic instrument". February 9, 1978.

Class 3. No. 146079. Allied Instruments Pvt. Ltd., a Company incorporated under the Indian Companies Act, 1956; of 30-CD, Govt. Industrial Estate, Kandivli, Bombay-400 057, Maharashtra, India. "Penholders". October 3, 1977.

Class 3. No. 146081. Allied Instruments Pvt. Ltd., a company incorporated under the Indian Companies Act, 1956 : of 30 CD, Govt. Industrial Estate, Kandivli, Bombay-400 057, Maharashtra, India. "Tray" October 3, 1977.

Class 3. No. 146082. Allied Instruments Pvt. Ltd., a Company incorporated under the Indian Companies Act, 1956 : of 30-CD, Govt. Industrial Estate, Kandivli, Bombay-400 057, Maharashtra, India. "Writing Pad". October 3, 1977.

Class 3. Nos. 146154 & 146156. Bharat Plastic Works Co-operative Society Industrial Limited, registered at No. 171, under the provisions of Bombay Co-operative Societies Act, 1925 as amended to the State of Delhi Co-operative Societies Act, 1972 at 8648, Shidipura, Model Basti, New Delhi-5. "Toy Telephone". October 25, 1977.

Class 3. No. 146218. Oberai Industries, 149/2, Rajpur Road, Dehradun-248001 (U.P.) a partnership Concern. "Wooden Scales" November 15, 1977.

Class 3. No. 146228. Allied Instruments Pvt. Ltd., a company incorporated under the Indian Companies Act 1956, of 30-CD, Govt. Industrial Estate, Kandivli, Bombay-400057, Maharashtra, India, "Tray" November 16, 1977.

- Class 3. 146257. The Parker Pen Company, a corporation organised and existing under the laws of the State of Delaware, United States of America, of 219 East Court Street, Janesville, Wisconsin 53545, United States of America. "Ball Point Pen" May 31, 1977. (U.K.)
- Class 3. No. 146272. Swan (India) Private Limited, a private limited Company incorporated under the Indian Companies Act, Advani Chambers, Sir Phirozshah Mehta Road, Fort, Bombay-1, Maharashtra, State India. "Ball Pen" December 1, 1977.
- Class 3. No. 146275. Rafiq Toys Industries, 1993-94/37, Jaqra Rajen, Shivaji Road, Azad Market, Delhi-110006, a Proprietorship concern. "Toys" December 2, 1977.
- Class 3. No. 146278. Alpa Plastics, an Indian Registered Partnership Firm at 3-B, Hind-Saurashtra Industrial Estate, Andheri-Kurla Road, Marol, Bombay-400 059, Maharashtra, India. "Ear-phone" December 2, 1977.
- Class 3. Nos. 146287 to 146290. B. K. Plastics Private Limited, B-5, Gulmohar Park, New Delhi-110049, India, an Indian Company. "Loudspeaker" December 6, 1977.
- Class 3. No. 146295. Union Carbide India Limited, an Indian Company of 1, Middleton Street, Calcutta-700 016, West Bengal, India. "Locking Switch" December 6, 1977.
- Class 3. No. 146394. Balkrishna Laxman Rohra and Janardhan Venugopal Kodikal of 3, Krishna Udyog, Bhavan, Dhuru Wadi, Off : Nariman Road, Worli, Bombay 400 025, Maharashtra, State, India. "Receptacle" December 24, 1977.
- Class 3. No. 146396. Balkrishna Laxman Rohra and Janardhan Venugopal Kodikal of 3, Krishna Udyog, Bhavan, Dhuru Wadi, Off : Nariman Road, Worli, Bombay-400 025, Maharashtra State, India. "Bottle Closer" December 24, 1977.
- Class 3. No. 146397. Balkrishnan Laxman Rohra and Janardhan Venugopal Kodikal of 3, Krishna Udyog, Bhavan, Dhuru Wadi, Off : Nariman Road Worli, Bombay-400 025 Maharashtra State, India. "Dropper" December 24, 1977.
- Class 3. Nos. 146411 to 146414. Union Carbide India Limited, an Indian Company of 1, Middleton Street, Calcutta-700-071, West Bengal, India. "Electric Dry Cell" December 27, 1977.
- Class 3. Nos. 146456 to 146461. Mona Toys Industries, a Partnership Firm of C-124, Rewari Line, Industrial Area, Phase-II, Maya Puri, New Delhi-110027, India. "Toys" December 31, 1977.
- Class 3. No. 146488. Bhag Verma, an Indian National of Messrs Verma Optical Works, 1/8534, Navin Shahdara, Behind Radhu Cinema, Delhi-110032 "Near Vision Testing apparatus" January 4, 1978.
- Class 3. No. 146490. Narula Udyog (India) Pvt. Ltd. 75-A, Narayana Industrial Area, Phase-I, New Delhi-110028, an Indian Company incorporated under the Indian Company's Act, 1956. "Vaginal applicator to introduce contraceptive cream". January 4, 1978.
- Class 3. No. 146501. Dolly Toys Industries, a registered partnership firm of D-34, Rajouri Garden, New Delhi-110027, India. "Toys" January 6, 1978.
- Class 3. No. 146523. Murphy India Limited, an Indian Company existing under the companies Act, 1956, having its registered office at Nirmal 241-242, Backbay Reclamation, Nariman Point, Bombay-400021, State of Maharashtra, India. "A Radio-cum-transistor case", January 12, 1978.
- Class 3. No. 146527. Sunil Kumar Bharel, of 73, Masjid Moth, New Delhi-110049, India, an Indian National. "Electrical connector" January 16, 1978.
- Class 3. No. 146530. Super Packaging, 390, Subhas Nagar Estate, N. M. Joshi Marg, Lower Parel, Bombay-400011, Maharashtra State, Indian Proprietary Firm. "Injection Holder" January 17, 1978.
- Class 3. No. 146547. N. V. Phillips Gloeilampfabrieken of Emmasingel 29, Eindhoven, the Netherlands, A Corporation organized and existing under the laws of the Kingdom of the Netherlands. "Portable Radio" July 22, 1977 (U.K.).
- Class 3. Nos. 146571 to 146577. Dolly Toys Industries, a registered partnership firm of D-34, Rajouri Garden, New Delhi-110027, India. "Toys" January 30, 1978.
- Class 3. Nos. 146594 to 146596. Geep Flashlight Industries Limited of 28-South Road, Allahabad-1, U.P. India, an Indian Company. "Top cover for dry cells" February 2, 1978.
- Class 3. Nos. 146646 & 146647. Union Carbide India Limited, an Indian Company of 1, Middleton Street, Calcutta-700 071, West Bengal, India. "Cycle Lamp" February 8, 1978.
- Class 3. No. 146739. Nandan Prabhakar Gadgil, Indian National, of 'Krishi' 1144, Shukrawar Peth, Pune 411002, State of Maharashtra, India. "Embossing gun" February 24, 1978.
- Class 4. No. 146187. Step Cosmetics, A-233, "Y" Road, Wagie Industrial Estate Post Box No. 312, Thana-400 604, Maharashtra State, an Indian Partnership Firm. "Bottle with cap" November 1, 1977.
- Class 4. Nos. 146313 & 146314. Prem Nath Monga Bottlers Private Ltd. an Indian Company, of 44 Regal Building, New Delhi-110001, India. "A Bottle" December 8, 1977.
- Class 4. No. 146687. Shell Oil South Africa (Proprietary) Limited, a Company registered with Limited Liability in accordance with the laws of the Republic of South Africa of Shell House, Green-market Square, Cape Town, Cape Province, Republic of South Africa. "A solar water heater". August 15, 1977 (U.K.).
- Class 4. No. 146688. Shell Oil South Africa (Proprietary) Limited, a company registered with limited liability in accordance with the laws of the Republic of South Africa of Shell House, Green-market Square, Cape Town, Cape Province, Republic of South Africa. "A support for a solar water heater" August 15, 1977 (U.K.).
- Class 5. No. 146597. Aktieselskabet Brodrene Hartmann, of 203-205, Klampenborgvej, DK-2800 Lyngby, Denmark, a Danish Company. "An Egg Carton assembly" February 2, 1978.
- Class 10. No. 146372. Bata Industries Limited, A Canadian Company, of Batawa, Ontario, Canada. "Footwear" December 19, 1977.
- Class 14. No. 146291. Associated Apparel Private Limited (A Company incorporated under the provisions of Indian Companies Act) of Akashdeep 4-5, Zakaria Bunder Road, Sewree, Bombay-400 015, State of Maharashtra, India. "Knitted Textile Goods" December 6, 1977.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (DESIGNS)

Assignments, licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each case is followed

by the names of the applicants for registration :—

138636 }
138671 }
139536 }
139537 }
140073 } Sheikh Abdul Kadar Mohiuddin.
142649 }
142650 }
142848 }

143031 — M/s. Sunbim.

CANCELLATION OF THE REGISTRATION OF

DESIGNS

(Section-51A)

(1)

The application for cancellation made by A. A. Attarwala & Co. for cancellation of the registration of Design No. 139795 in the name of Murshedali Khan as advertised in the Gazette of India, Part III, Section 2, dated the 26th May, 1973 has been cancelled.

(2)

The application for cancellation made by A. A. Attarwala & Co. for cancellation of the registration of Design No. 139796 in the name of Murshedali Khan as advertised in the Gazette of India, Part III, Section 2 dated the 26th May 1973 has been cancelled.

S. VEDARAMAN

Controller-General of Patents,
Designs and Trade Marks.

